Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012800.D
Acq On : 02 Dec 2020 02:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.417

Quant Time: Dec 02 02:34:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	673	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	2659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1509	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	3153	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3033	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	2996	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1630	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	3237	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.24	128	3317	0.414	ng/ul	99
5) 2-Methylnaphthalene	11.86	142	2291	0.448	ng/ul	99
7) Acenaphthylene	13.80	152	3316	0.451	ng/ul	99
8) Acenaphthene	14.14	153	2515	0.406	ng/ul	98
9) Fluorene	15.14	166	2833	0.416	ng/ul	97
11) Pentachlorophenol	16.50	266	460	0.459	ng/ul	94
12) Phenanthrene	16.88	178	4476	0.408	ng/ul	98
13) Anthracene	16.97	178	4018	0.421	ng/ul	99
15) Fluoranthene	18.91	202	5548	0.438	ng/ul	98
17) Pyrene	19.27	202	5703	0.420	ng/ul	98
18) Benzo(a)anthracene	21.03	228	5581	0.513	ng/ul	99
19) Chrysene	21.09	228	6670	0.491	ng/ul	100
21) Benzo(b)fluoranthene	22.54	252	6612	0.480	ng/ul	94
22) Benzo(k)fluoranthene	22.58	252	7295	0.459	ng/ul	97
23) Benzo(a)pyrene	23.07	252	6303	0.486	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.23	276	8131	0.479	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.24	278	6499	0.477	ng/ul	95
26) Benzo(g,h,i)perylene	25.86	276	6986	0.458	ng/ul	98

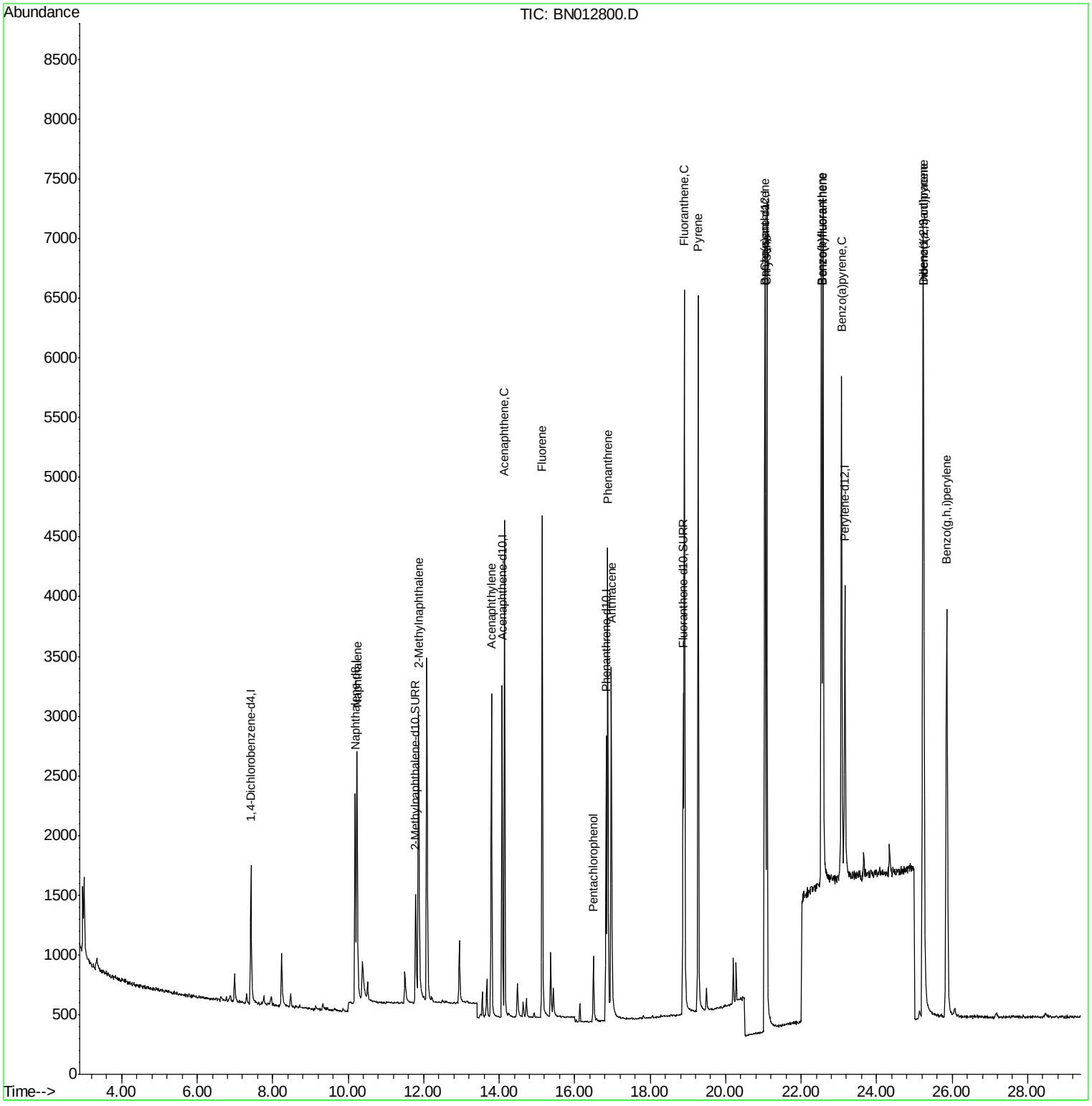
(#) = qualifier out of range (m) = manual integration (+) = signals summed

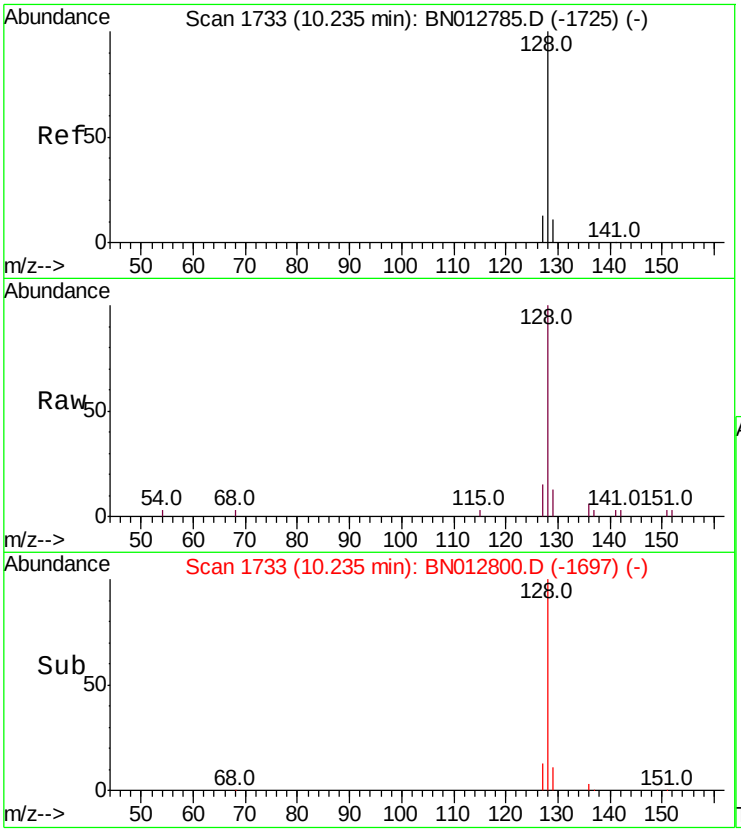
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012800.D
Acq On : 02 Dec 2020 02:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Quant Time: Dec 02 02:34:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration



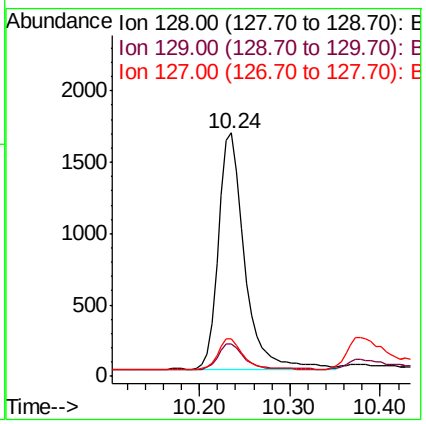


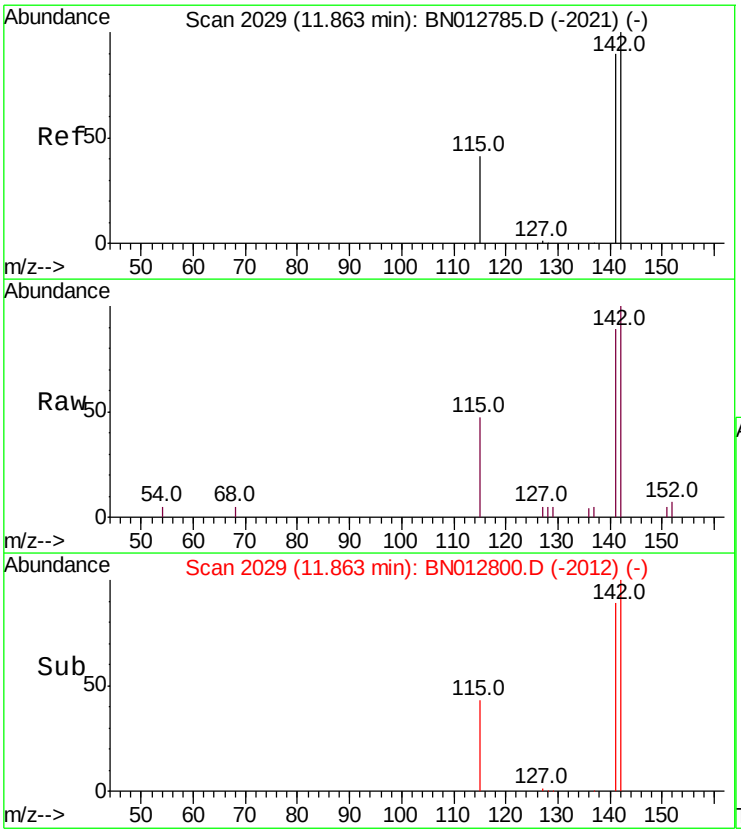
#3
Naphthalene
Concen: 0.414 ng/ul
RT: 10.24 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:128 Resp: 3317

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.2	16.8
127	15.4	12.5	18.7

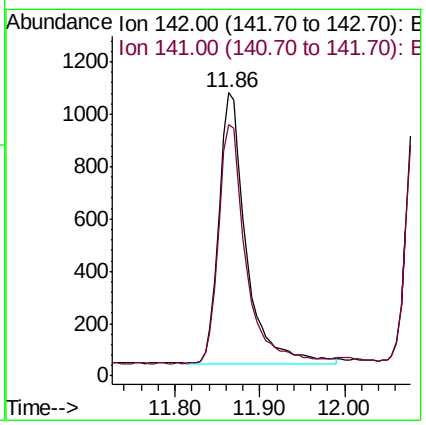


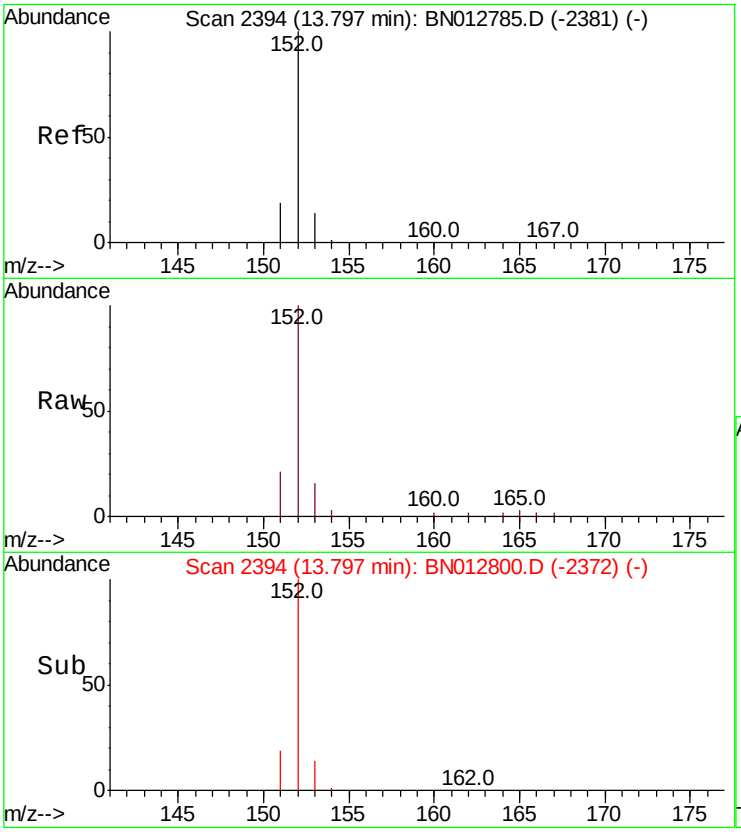


#5
2-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 11.86 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:142 Resp: 2291

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5



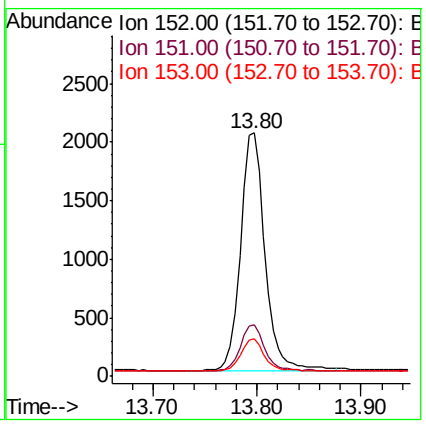


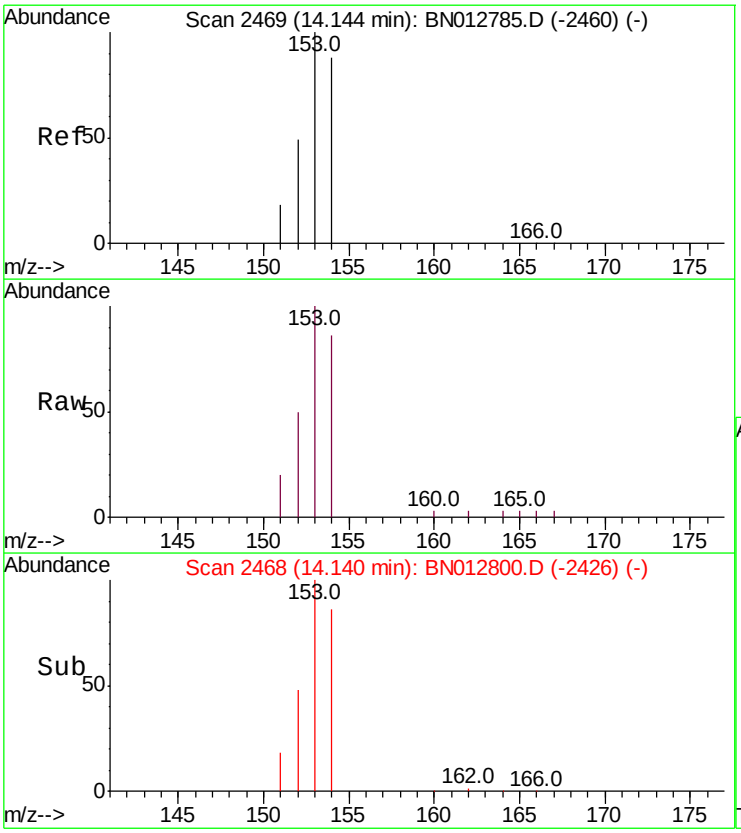
#7
Acenaphthylene
Concen: 0.451 ng/ul
RT: 13.80 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:152 Resp: 3316

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	15.5	12.6	19.0

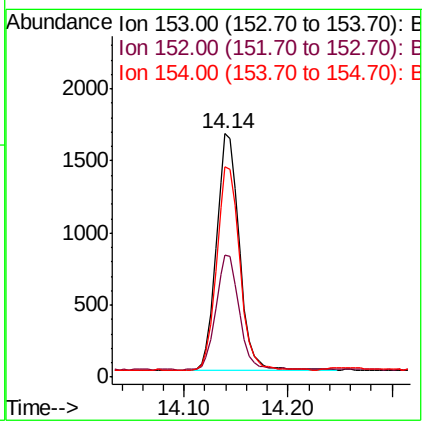


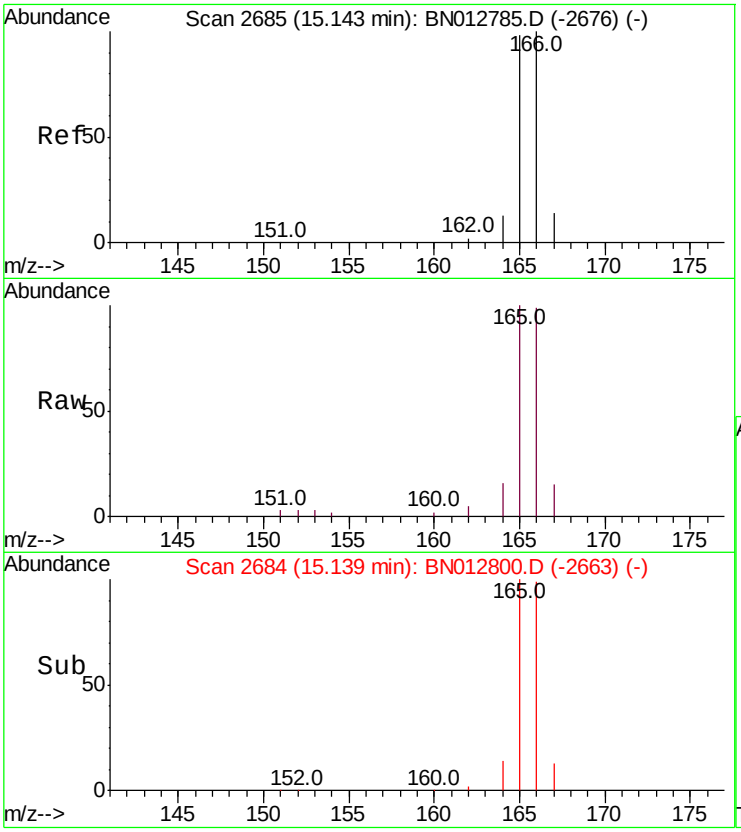


#8
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.14 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:153 Resp: 2515

Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.4	62.0
154	86.3	70.9	106.3



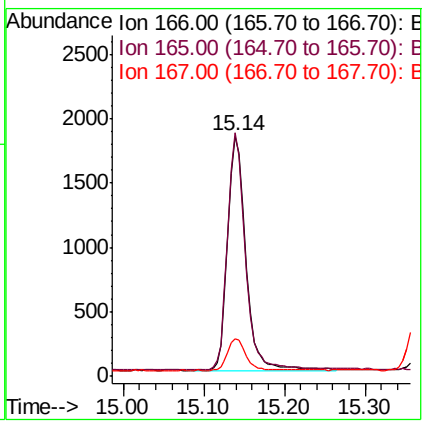


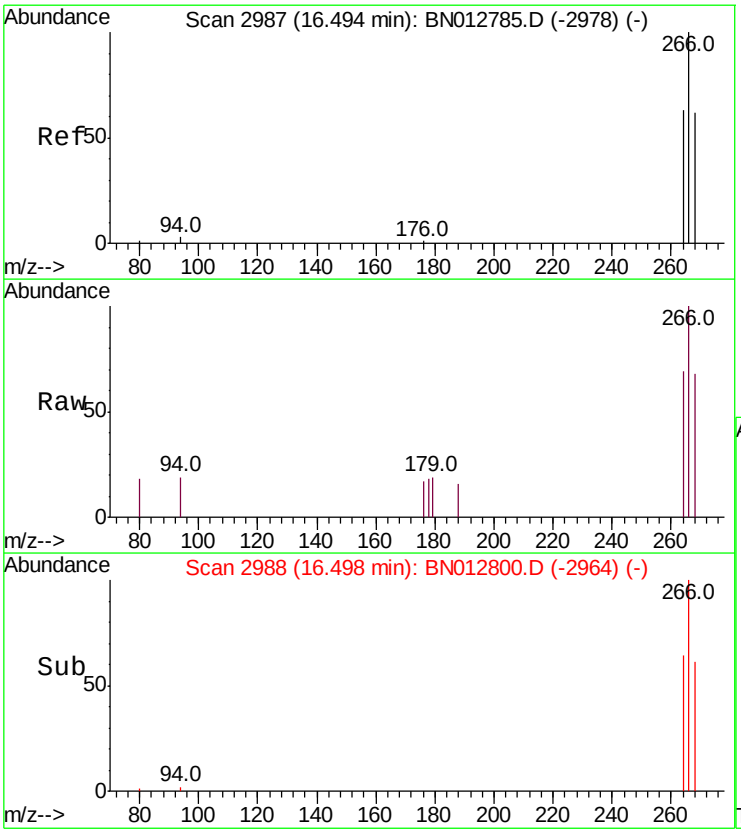
#9
Fluorene
Concen: 0.416 ng/ul
RT: 15.14 min Scan# 2684
Delta R.T. -0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:166 Resp: 2833

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.5	117.7
167	15.4	12.7	19.1

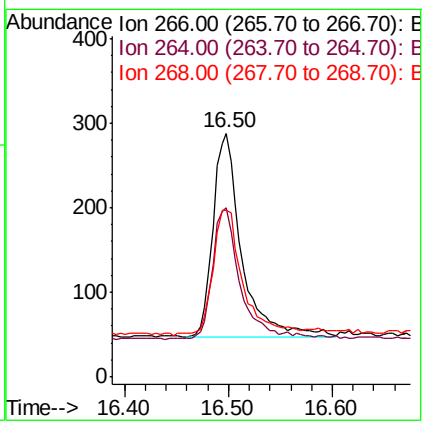


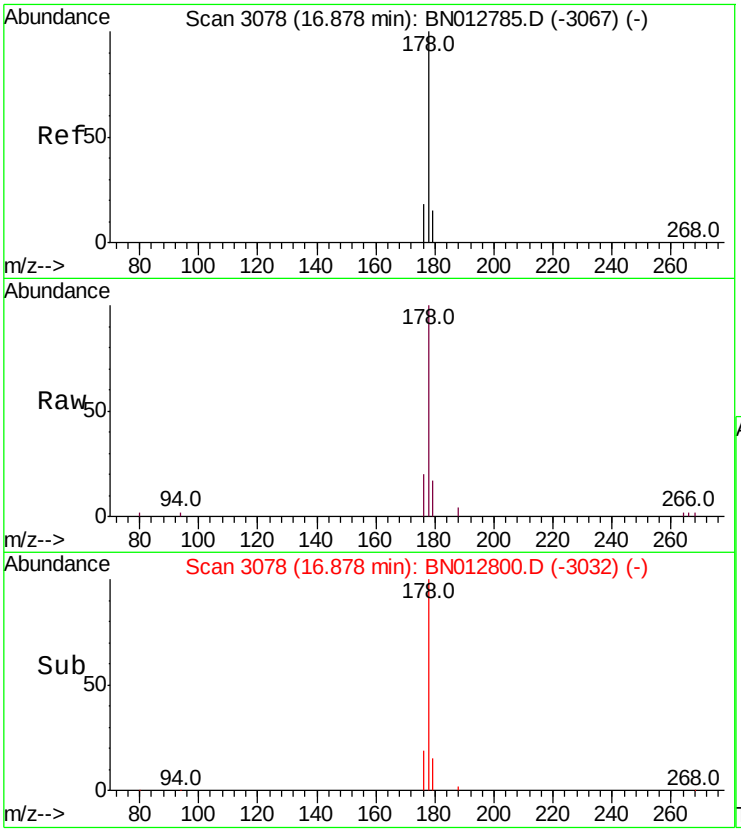


#11
Pentachlorophenol
Concen: 0.459 ng/ul
RT: 16.50 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:266 Resp: 460

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.0	76.6
268	67.4	47.8	71.6



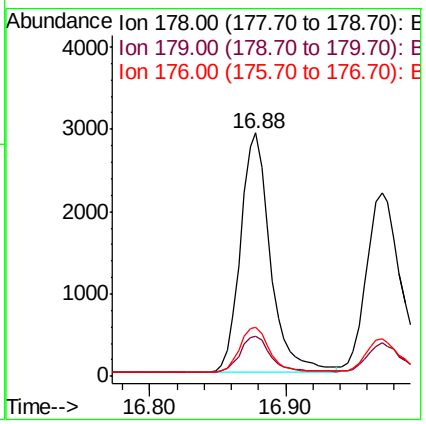


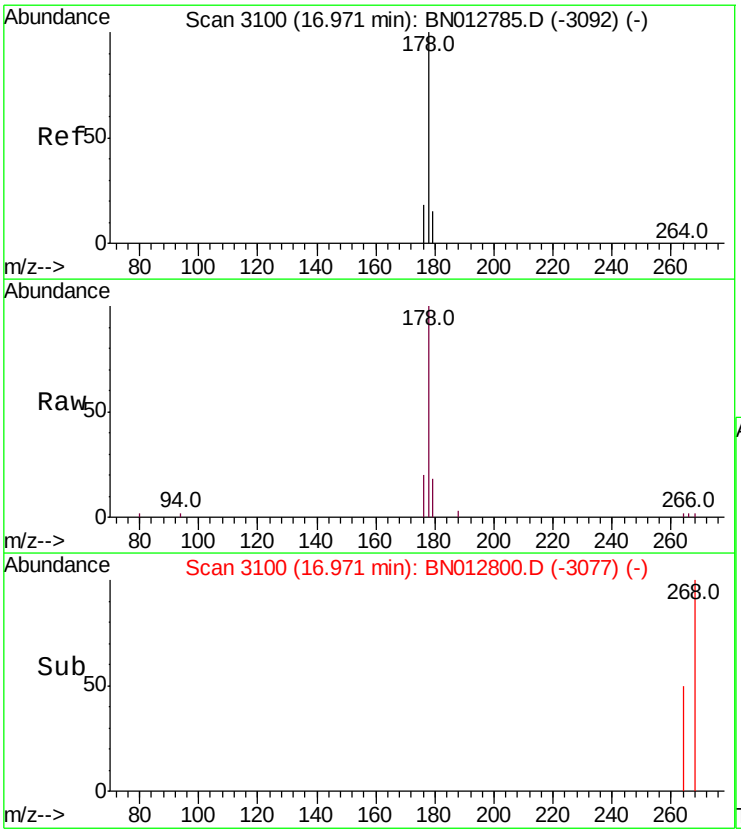
#12
Phenanthrene
Concen: 0.408 ng/ul
RT: 16.88 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:178 Resp: 4476

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.8	20.6
176	20.1	16.7	25.1

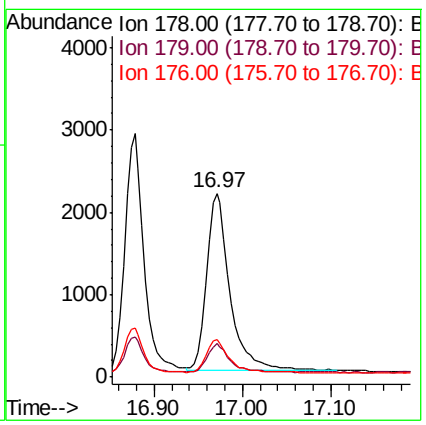


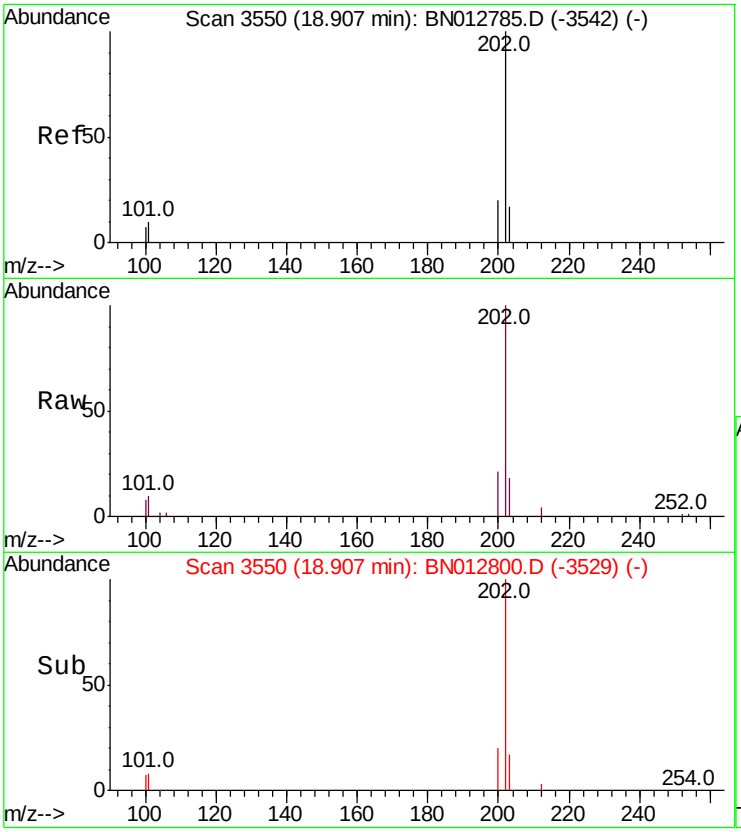


#13
Anthracene
Concen: 0.421 ng/ul
RT: 16.97 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:178 Resp: 4018

Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.8	22.2
176	20.2	16.3	24.5



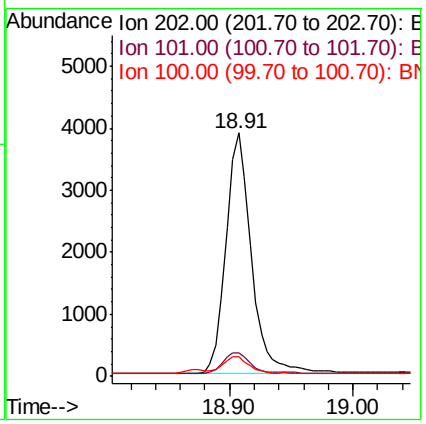


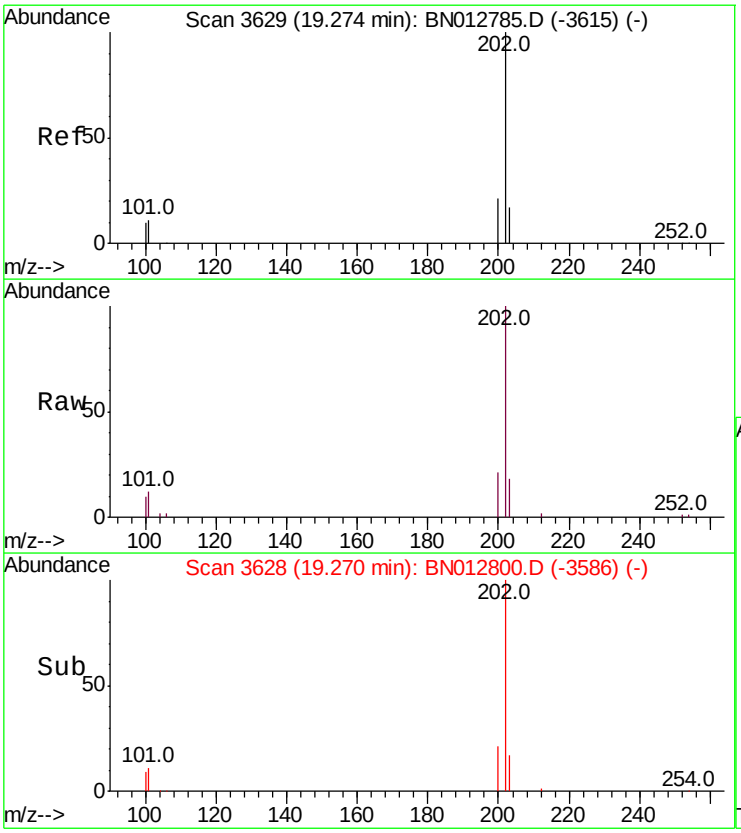
#15
Fluoranthene
Concen: 0.438 ng/ul
RT: 18.91 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:202 Resp: 5548

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.5
100	8.0	0.0	28.4

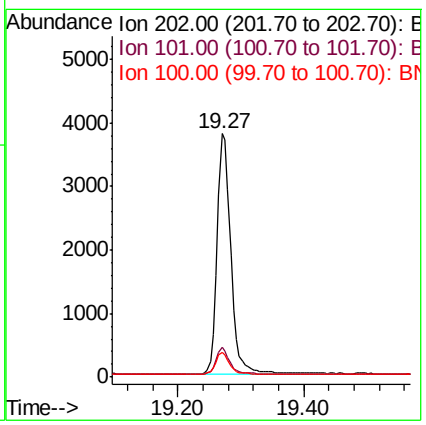


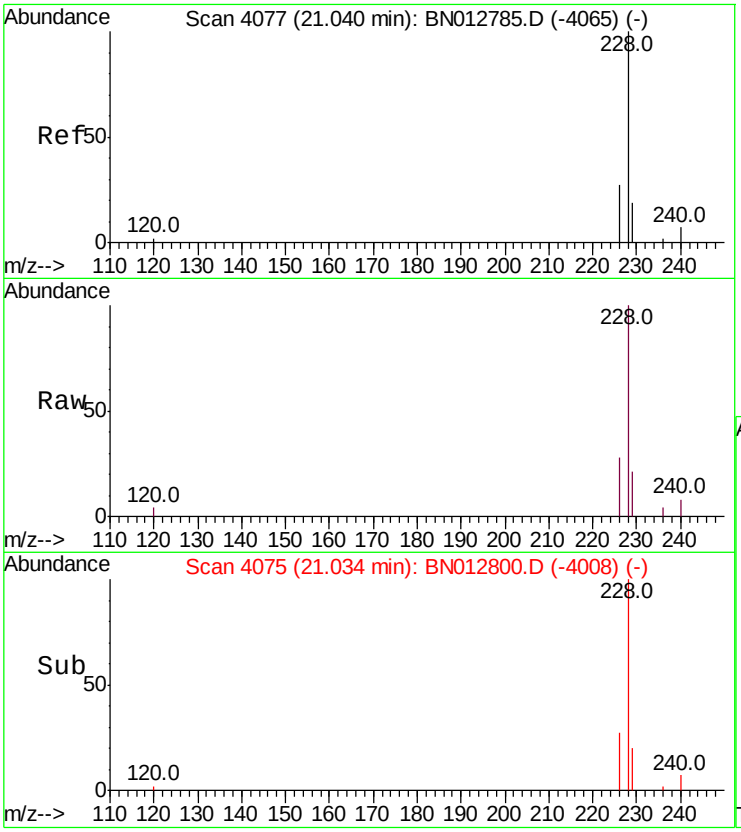


#17
Pyrene
Concen: 0.420 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:202 Resp: 5703

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	10.2	7.4	11.2



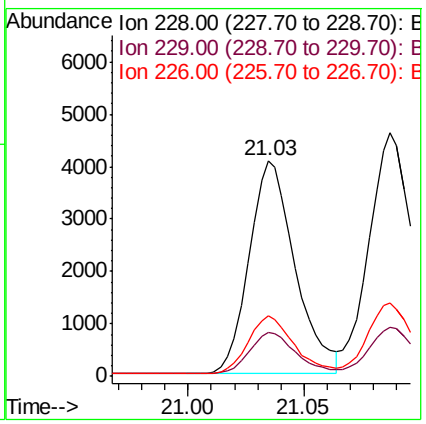


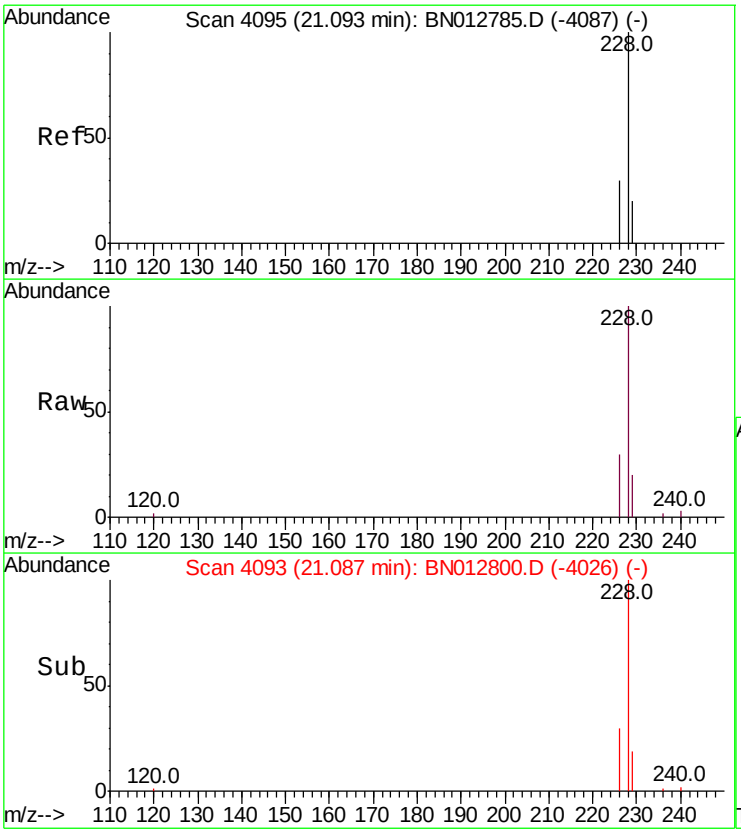
#18
Benzo(a)anthracene
Concen: 0.513 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:228 Resp: 5581

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.9	25.3
226	28.2	23.1	34.7

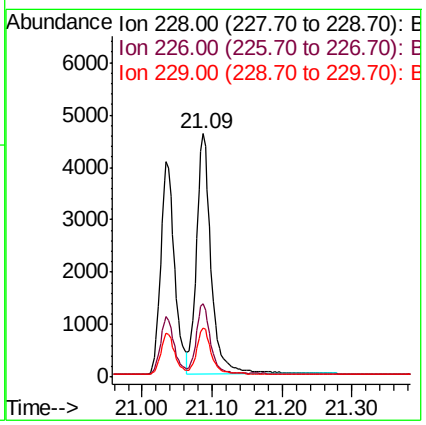


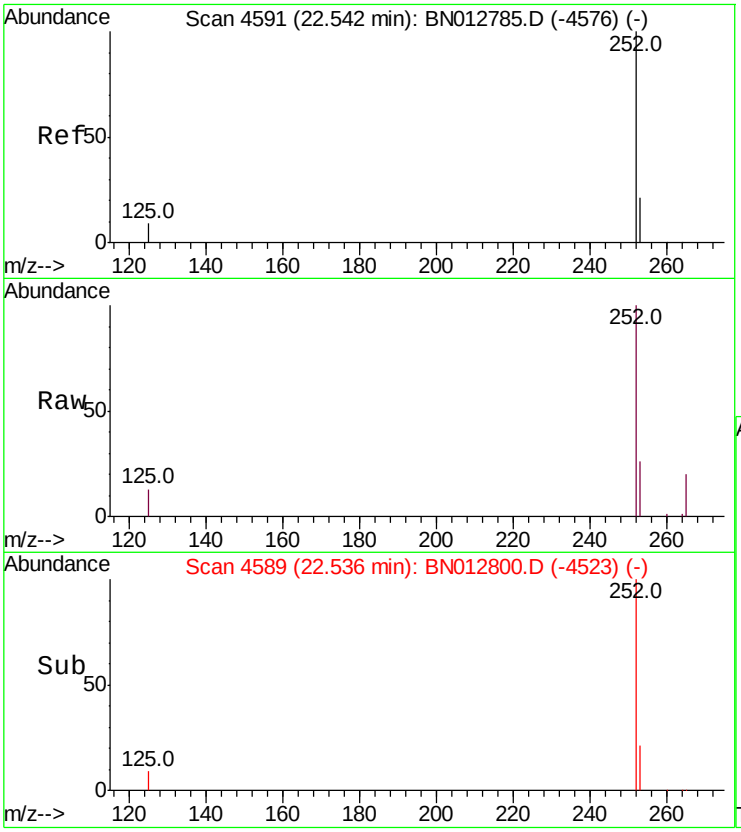


#19
Chrysene
Concen: 0.491 ng/ul
RT: 21.09 min Scan# 4093
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:228 Resp: 6670

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.9	16.1	24.1



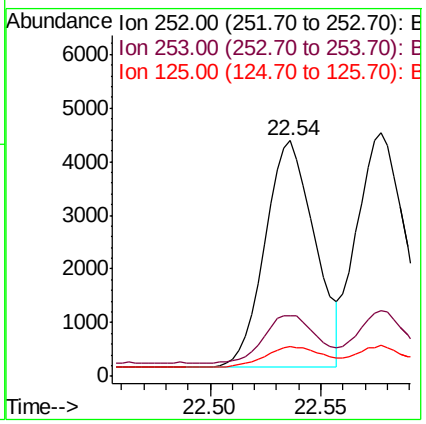


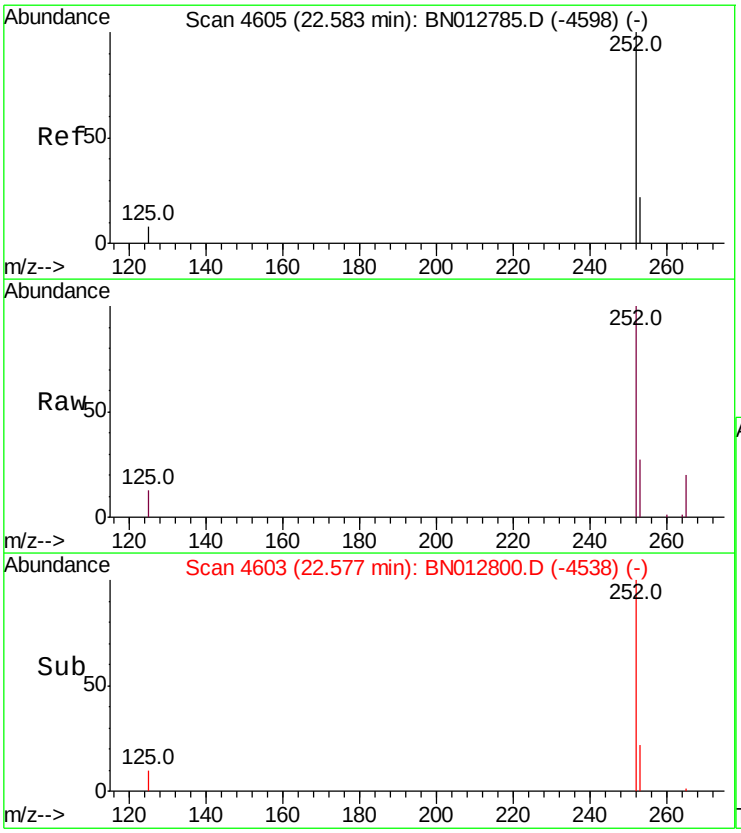
#21
Benzo(b)fluoranthene
Concen: 0.480 ng/ul
RT: 22.54 min Scan# 4589
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:252 Resp: 6612

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	58.4
125	12.7	0.0	28.6

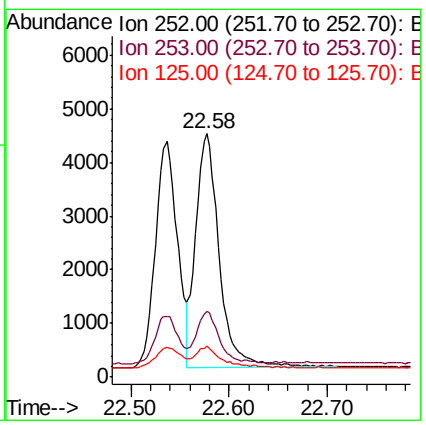


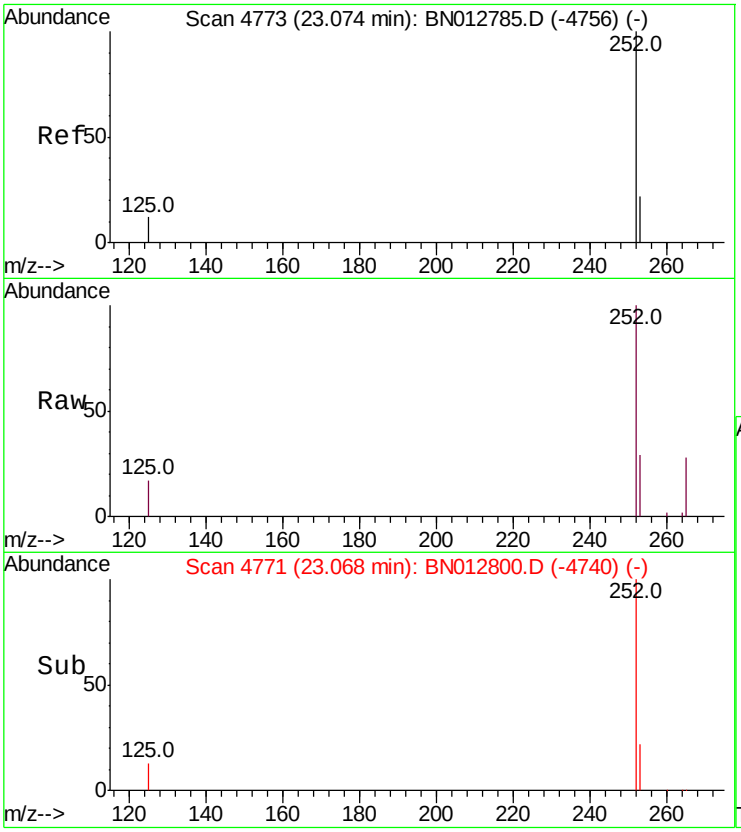


#22
Benzo(k)fluoranthene
Concen: 0.459 ng/ul
RT: 22.58 min Scan# 4603
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:252 Resp: 7295

Ion	Ratio	Lower	Upper
252	100		
253	26.9	23.4	35.2
125	12.7	10.2	15.2



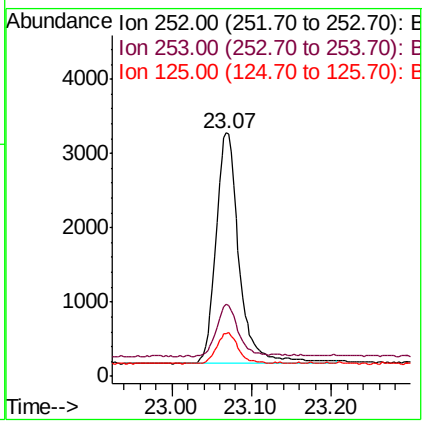


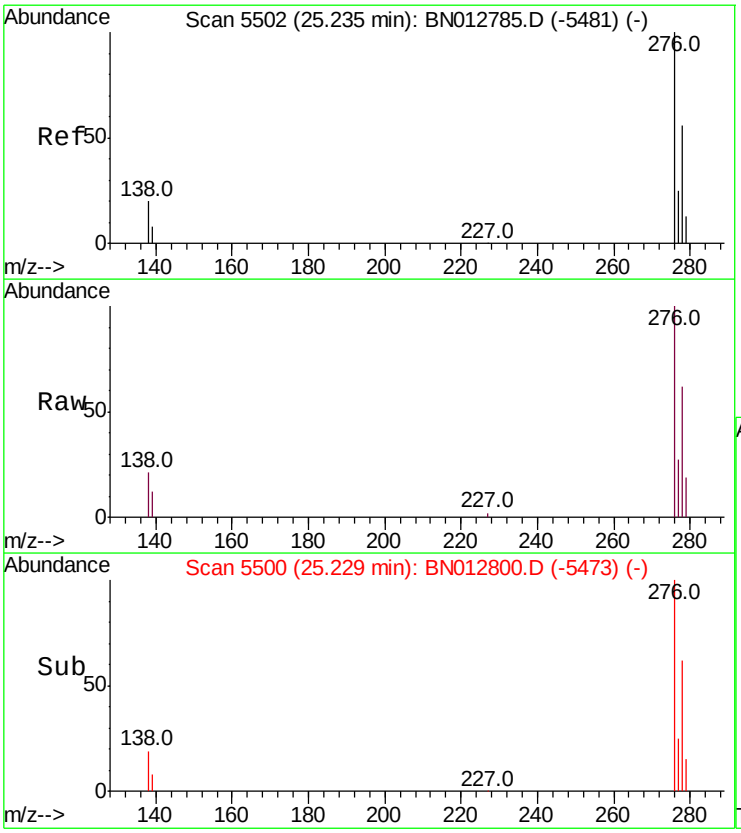
#23
Benzo(a)pyrene
Concen: 0.486 ng/ul
RT: 23.07 min Scan# 4771
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:252 Resp: 6303

Ion	Ratio	Lower	Upper
252	100		
253	29.4	27.6	41.4
125	17.5	17.0	25.4

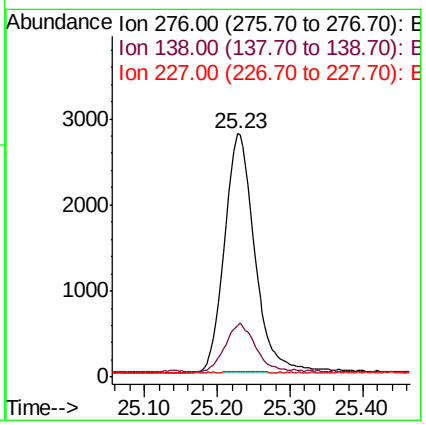


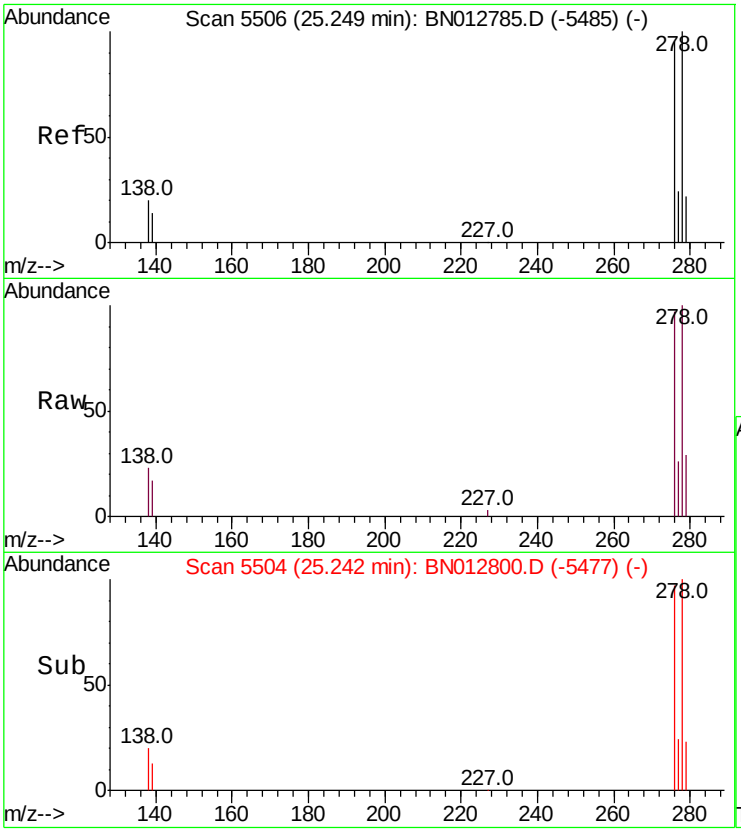


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.479 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:276 Resp: 8131

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.5	24.7
227	0.1	0.1	0.1#



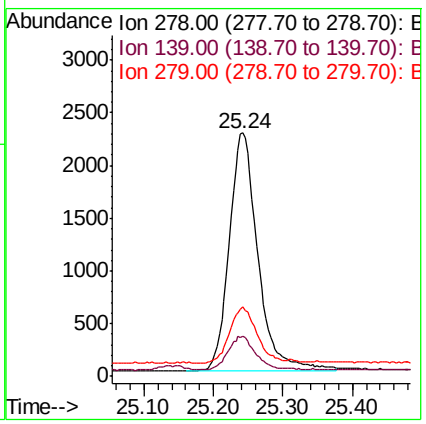


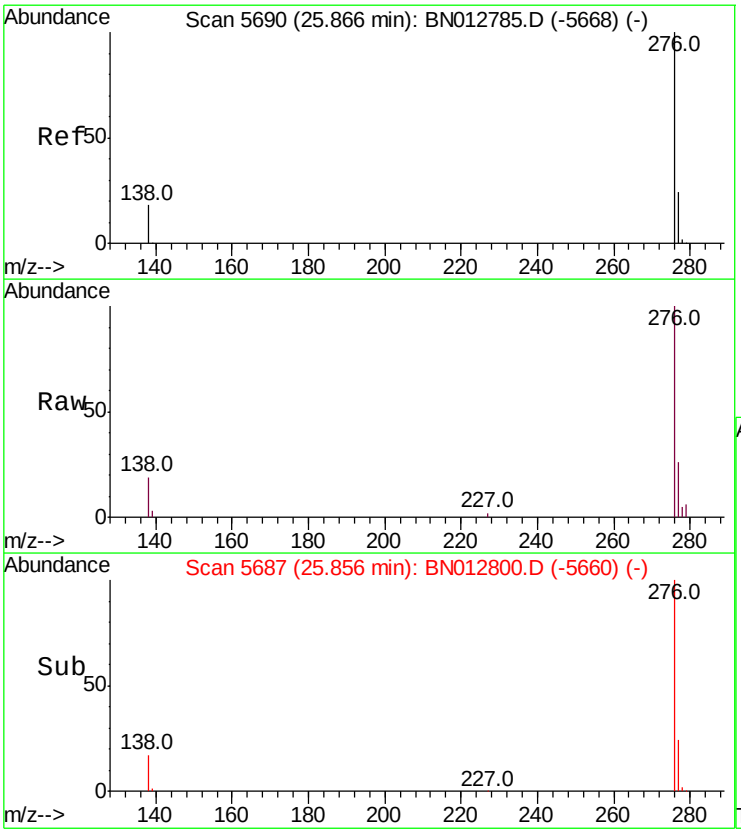
#25
Dibenzo(a,h)anthracene
Concen: 0.477 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.417

Tgt Ion:278 Resp: 6499

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.8	20.8
279	28.5	25.6	38.4





#26
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 25.86 min Scan# 5687
Delta R.T. -0.01 min
Lab File: BN012800.D
Acq: 02 Dec 2020 02:04

Tgt Ion:276 Resp: 6986

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.3	24.5
277	26.2	21.8	32.8